Yantra Fulfilment

Introduction to Yantra:

Yantra Fulfilment Ltd. commenced business in May 2019 and currently has a 25,000 ft² warehouse in Castle Donington, Derby.
Between July 2019 and end of 2021 Yantra Fulfilment Ltd plans to open a further 10 warehouse fulfilment centres across the UK (see Fig. A for locations and Fig. B for UK coverage).
Each warehouse fulfilment centre will be approximately 50,000 ft², and this will ultimately give Yantra Fulfilment Ltd over 525,000 ft² of warehouse space, allowing national coverage to 95% of the UK mainland population within 1½hrs travel time, excluding NI and Highlands and Islands.

Yantra Fulfilment will utilise the cloud based Snapfulfil Warehouse Management System in all of its warehouse fulfilment centres, and will also utilise the brand new "Snapcart" robotic picking cart once available.
By utilising a world class WMS and the robotic solution, each customer gains unparalleled access to state-of-the-art warehouse systems and technologies that are ranked as one of the top tier Warehouse Management Systems in the Gartner Magic Quadrant for Warehouse Management systems.

Each customer will have the option of storing stock in one chosen warehouse fulfilment centre, or spreading your stock across all Yantra warehouses fulfilment centres. If customer chooses to have stock in each of the Yantra warehouse fulfilment centres this gives you flexibility to then service your customers within 1½hrs, immediately opening up same day deliveries to your customers.

Yantra Fulfilment Ltd customers, due to the configurability of our WMS, will be from a wide spectrum of size and can range from small parts pick/pack/storage through to high volume pallet throughput customers. Given that each of the 50,000 ft² warehouse fulfilment centres can store up to 8,000 pallets, there is no business that is too large or too small for Yantra to work with.

Yantra Fulfilment Ltd warehouse fulfilment centres will be configured to give a wide variety of storage options, ranging from pallet storage to multiple shelf storage options to Storeganisor storage options (see photos below) this allows Yantra greater flexibility on charging which will appeal to a wider customer base.

Yantra Fulfilment Ltd can offer the following services to each customer:
  i. Goods in receiving – Containers and standard trailers
  ii. Warehousing and storage – safe and secure storage
  iii. Pick and Pack operation – utilising a world class WMS & robotic cart
  iv. Shipping – Using customer choice courier or designated courier
  v. Returns – Fast receipt of returns
  vi. Kitting – Utilising in-built WMS function for seamless kitting process
  vii. Reworking
  viii. Value added tasks as requested

With integration costs built in to our cost model and our WMS can be fully integrated with the leading e-commerce websites, customers will have no significant upfront costs to cater for and will only be charged monthly based on your actual storage and activities.
There will also be an option for the customer to opt for a fixed monthly charge based on set criteria, as opposed to an activity-based charging mechanism, once Yantra have had the opportunity to view customer throughput history. Once in this scheme you will then be charged a flat monthly rate base on agreed throughput, and will only be charged extra if you exceed that throughput or have any extra value-added requirement requests within that month that would be charged at agreed rates.

Each customer will have access to your own online portal, so you have live access anytime/anywhere to your stock and activities, therefore allowing you to focus on your sales.
Outsourcing your logistics to Yantra Fulfilment Ltd means you do not need to worry about peaks or significant growth in your business, and the space constraints that brings, as that will be managed by Yantra Fulfilment Ltd.

Yantra services:

Goods in
All stock is receipted using our WMS, and is immediately viewable in your online portal. This will show the customer immediately confirmation of receipt, or any outstanding discrepancies to Purchase Orders. This allows the customer to react to any variances to supplier deliveries, and advise Yantra/supplier accordingly of any next steps.
Once receipted stock is immediately available for pick, therefore reducing out of stocks and increasing OTIF percentage.
As all products are receipted using the product barcode this ensures the accuracy of the receipt and therefore eliminates any errors on receipt.

Storage
There are multiple options of storage available, from pallet storage (standard/euro pallets racked or block stack) to a number of formats of shelf storage:
- Pallet storage – Standard pallet or euro pallet storage locations at a fixed weekly rate
- Shelving –
    - Tote size pick/storage locations at a fixed daily/weekly rate
    - Medium sized pick/storage locations at a fixed daily/weekly rate
    - Small sized pick/storage locations at a fixed daily/weekly rate
    - Storeganisor medium sized pick/storage locations at a fixed daily/weekly rate
    - Storeganisor small sized pick/storage locations at a fixed daily/weekly rate

By utilising a world class WMS, the system will always allocate stock to the optimum location, ensuring best use of space and the optimum location for picking happens automatically.
The benefits of having multiple options of storage ensures that you only pay for the space that you use.
All information regarding space utilised is available to each customer via the customer portal, so you are always aware of the space that you use and that you will ultimately be charged for.

Pick and Pack
All picking will be done by utilising our WMS, and all items will be scanned during the picking process to ensure accuracy.
To ensure all orders are shipped as quickly as possible the WMS will automatically guide the pickers around the designated locations ensuring that they use the optimum route.
As each item is scanned during the picking process, this ensures that the goods picked are correct, and therefore reduces pick errors to virtually nil.
In the very near future, we will also have the robotic pick cart available to utilise within the Yantra platform.
Snapcart is linked to our WMS, so as a customer you are immediately linked to this robotic solution, allowing state of the art robotics to be part of your picking function.
The robotic cart operates under a cellular picking model, in which pickers are assigned a set picking area. The autonomous robotic cart will then service those picking areas, reducing the amount of time that pickers have to walk to complete picks by around 90%. With the pick to light function and the ability to have up to 48 totes on each pick cart and the functionality of our WMS, this means that Yantra you can pick multiple orders simultaneously on each cart maximising the pickers in the set locations.

When goods are picked, they are then taken to a packing table, where the goods are taken from the picking vessel and packaged in to the appropriate packaging for the order. As each item is again scanned to confirm it matches the order, this is a further check to ensure that the accuracy of the order is correct.
Once order is completed and packaged, the WMS will then print a label with your customers details on it and chosen delivery method, which is attached to the package and package is then scanned again to the relevant courier/haulier marshalling location.

Despatch
Yantra Fulfil will not be using own vehicles to deliver to end users, and will therefore be utilising independent hauliers/couriers to do the final mile delivery for our customers.
As our WMS can be configured with most of the major courier/pallet network providers, we can therefore allow customer to keep your current providers and just integrate that provider with the WMS.

We will though offer each customer the option to utilise a Yantra chosen provider (provider tbc) that will allow Yantra to get preferential charges from that provider, which will then be ultimately passed to you to ensure you get the most competitive rates possible.

Returns

As all returns are processed through the WMS you can immediately see their progress on your portal, you will be able to see any returned goods that have been receipted back in to the relevant warehouse fulfilment centre and any returns still outstanding.

By utilising our WMS/robotic solution through the receipt and pick/pack of the original order, and with this giving pick accuracy of up to 99.999%, coupled with the training that we will give to each picker in regards to packaging correctly, the level of returns associated with pick errors or damaged in transit are dramatically reduced.

As pick errors/damaged in transit historically account for around 50% of total returns this will significantly reduce the volume of returns for customer, and improve your customers satisfaction levels.

Kitting

Utilising the kitting process built in to our WMS we can simplify your kitting requirements, allowing a fully tracked kitting process that is updated live and maintains the accuracy of customer stock. Charges for kitting will be based on the individual requirements, and will either be charged at an agreed production rate per kitting requirement or be charged at an agreed hourly rate agreed with each customer.

Re-working

Re-working of stock either by pallet or by case and will be charged at an agreed hourly rate with each customer.

Value added services

Any value-added services that are requested by each customer will be reviewed, and subject to acceptance they will be charged at an hourly rate agreed with each customer.

Fig. A – Locations on Map   **Fig. B – UK coverage**

Locations on map

UK coverage based on 60 mile radius from sites

Fig. C – Provisional Operational start dates by site

Location	Projected site opening
Castle Donington	Opened June 2019
Nottingham	Jan 2020
Leeds	Apr 2020
Cambridge	June 2020
Basingstoke	Sep 2020
Gloucester	Dec 2020
Warrington	Feb 2021
Newcastle	May 2021
East Kilbride	Aug 2021
Exeter	Oct 2021
Maidstone	Dec 2021

Shelving & Storeganisor photos:

Shelving locations

Large shelving locations

Various location size shelving

Storeganisor medium locations

Storeganisor small locations

D34A09?L
D34A092K
D34A093J
D34A092I
D34A092H
D34A093G
D34A092F
D34A092E
D34A092D
D34A092C
D34A095B
D34A092A

D34A111L D34A121L D34A131L D34A141L D34A151L D34A161L D34A171L D34A181L
D34A111K D34A121K D34A131K D34A141K D34A151K D34A161K D34A171K D34A181K
D34A111J D34A121J D34A131J D34A141J D34A151J D34A161J D34A171J D34A181J
D34A111I D34A121I D34A131I D34A141I D34A151I D34A161I D34A171I D34A181I
D34A111H D34A121H D34A131H D34A141H D34A151H D34A161H D34A171H D34A181H
D34A111G D34A121G D34A131G D34A141G D34A151G D34A161G D34A171G D34A181G
D34A111F D34A121F D34A131F D34A141F D34A151F D34A161F D34A171F D34A181F
D34A111E D34A121E D34A131E D34A141E D34A151E D34A161E D34A171E D34A181E
D34A111D D34A121D D34A131D D34A141D D34A151D D34A161D D34A171D D34A181D
D34A111C D34A121C D34A131C D34A141C D34A151C D34A161C D34A171C D34A181C
D34A111B D34A121B D34A131B D34A141B D34A151B D34A161B D34A171B D34A181B
D34A111A D34A121A D34A131A D34A141A D34A151A D34A161A D34A171A D34A181A